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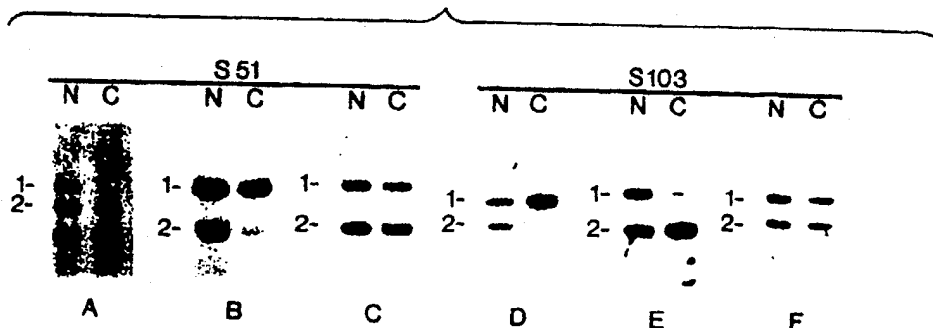
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(54) **Detection of loss of the wild-type p53 gene.**

(57) Methods and kits are provided for assessing mutations and/or loss of the p53 gene in human tumors. Both deletion mutations and point mutations in p53 are observed in the same human tumor cells

and these mutations are clonal within the cells of the tumor. Loss of wild-type p53 genes is responsible for neoplastic progression.

FIG. 1





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EUROPEAN SEARCH REPORT

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EP 90 30 1817

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
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A	PROC. NATL. ACAD. SCI. USA, vol. 85, 1988, pages 4397-4401; R.G.H. COTTON et al.: "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations" * Introduction and discussion *	5-10	
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		24 May 91	OSBORNE H.H.
CATEGORY OF CITED DOCUMENTS			
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T: theory or principle underlying the invention			



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Application Number

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A	EP-A-0 259 031 (MASSACHUSETTS EYE & EAR INFIRMARY) - - - -		
A	EP-A-0 237 362 (CETUS CORP.) - - - -		
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The Hague		24 May 91	OSBORNE H.H.
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